

Title (en)

IMPROVEMENT IN THE HEAD AND SILENCER OF A REFRIGERATION COMPRESSOR

Title (de)

VERBESSERUNG AM KOPF UND SCHALLDÄMPFER EINES KÜHLAGGREGATKOMPRESSORS

Title (fr)

AMELIORATIONS DANS LA TETE ET L'ATTENUATEUR ACOUSTIQUE D'UN COMPRESSEUR FRIGORIFIQUE

Publication

EP 0950150 B1 20030115 (EN)

Application

EP 97912197 A 19971017

Priority

- EP 9705734 W 19971017
- IT PN960046 U 19961119

Abstract (en)

[origin: WO9822712A1] Electric compressor comprising a compression cylinder and the respective head, a valve plate arranged between the head and the body of said cylinder and provided with a gas inlet opening, a silencer arranged at the inlet side of said opening and comprising an elongated portion with an aperture adapted to fit in with said opening. The head is provided externally with a concave recess which is laterally open towards the inner cavity of the compressor, said elongated portion of the silencer being firmly housed in said recess so that the aperture engages the opening in the valve plate in an air-tight, sealed manner. In said recess there is provided a hollow space between said elongated portion and the outer wall, said hollow space being adapted to accommodate an elastic element for locking the silencer in place.

IPC 1-7

F04B 39/00

IPC 8 full level

F04B 39/00 (2006.01)

CPC (source: EP US)

F04B 39/0072 (2013.01 - EP US); **Y10S 181/403** (2013.01 - EP US); **Y10S 417/902** (2013.01 - EP US)

Cited by

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WO 9822712 A1 19980528; AT E231218 T1 20030215; CN 1089138 C 20020814; CN 1237228 A 19991201; DE 69718512 D1 20030220; DE 69718512 T2 20031113; DK 0950150 T3 20030422; EP 0950150 A1 19991020; EP 0950150 B1 20030115; ES 2189953 T3 20030716; IT 241575 Y1 20010509; IT PN960046 U1 19980519; JP 2001503833 A 20010321; US 6186751 B1 20010213

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